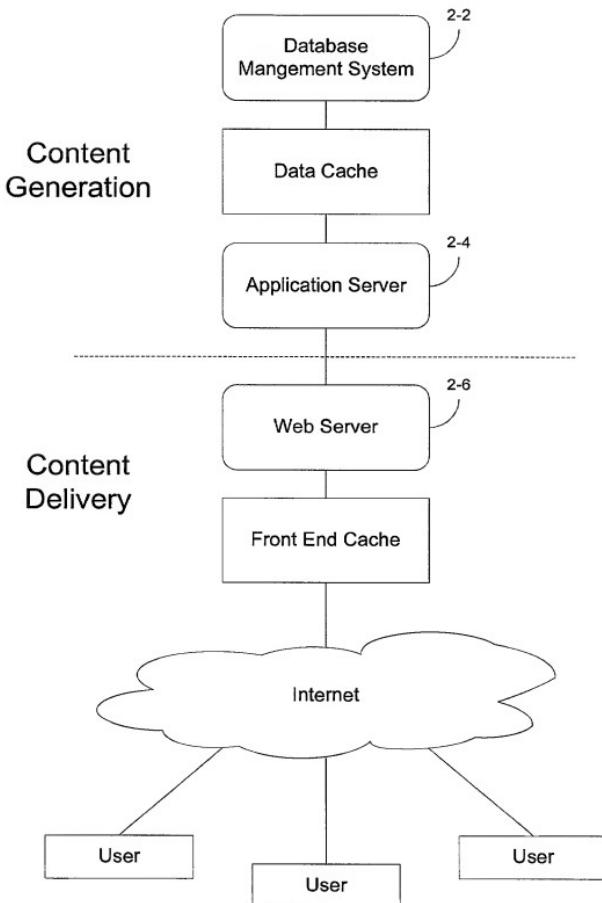


Figure 1

10084630, 022602

Figure 2

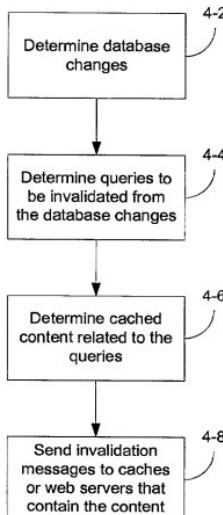


10034630 • 022602

Figure 3

Data ←→ Queries ←→ Content

Figure 4



10084630 - 022602

10084630 • 022602

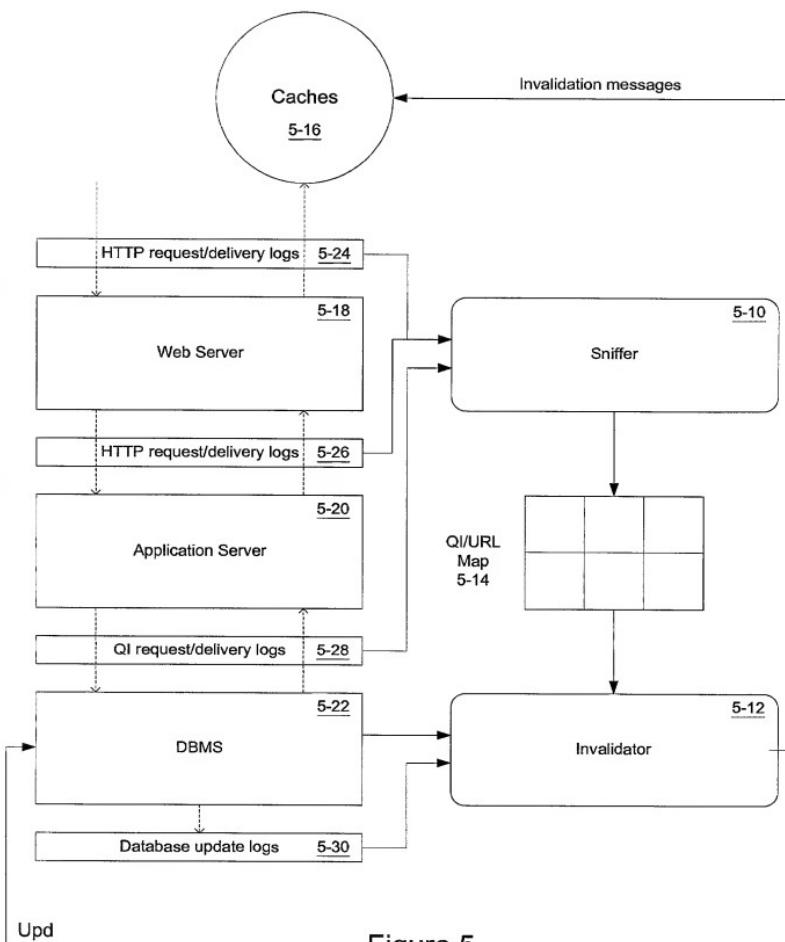


Figure 5

20084630 • 022602

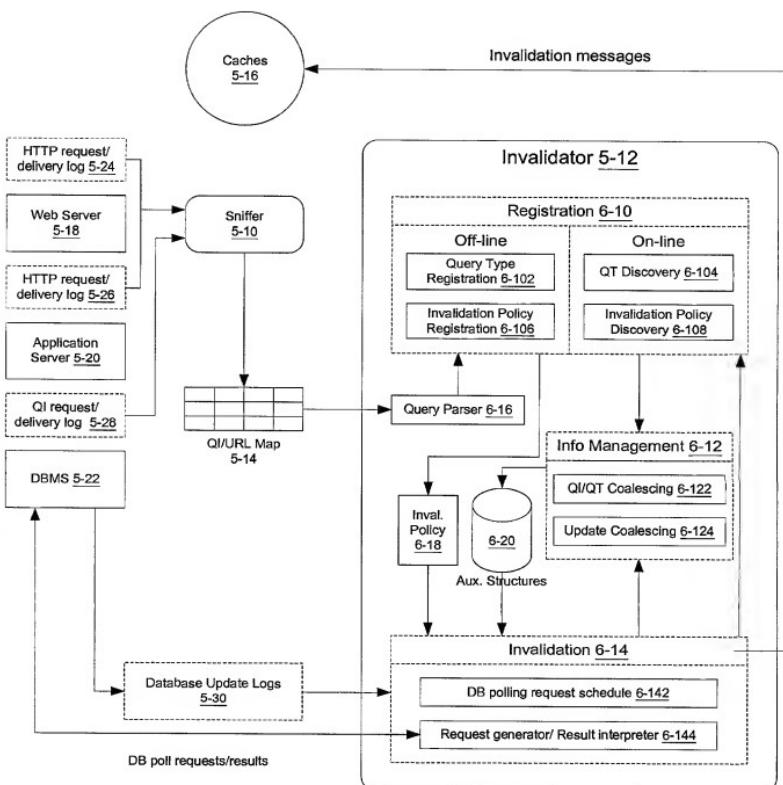


Figure 6

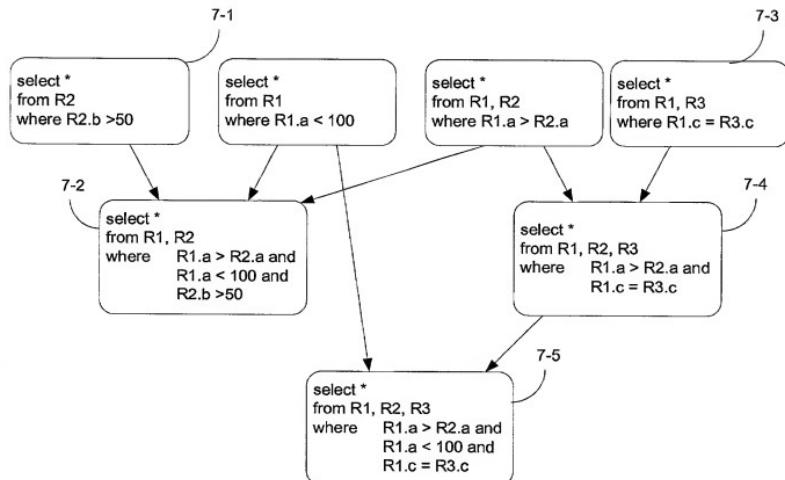


Figure 7

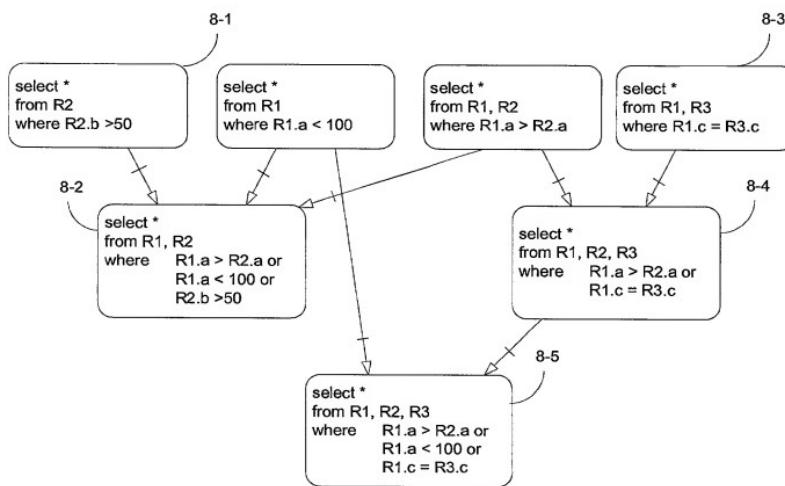


Figure 8

10084630 022602

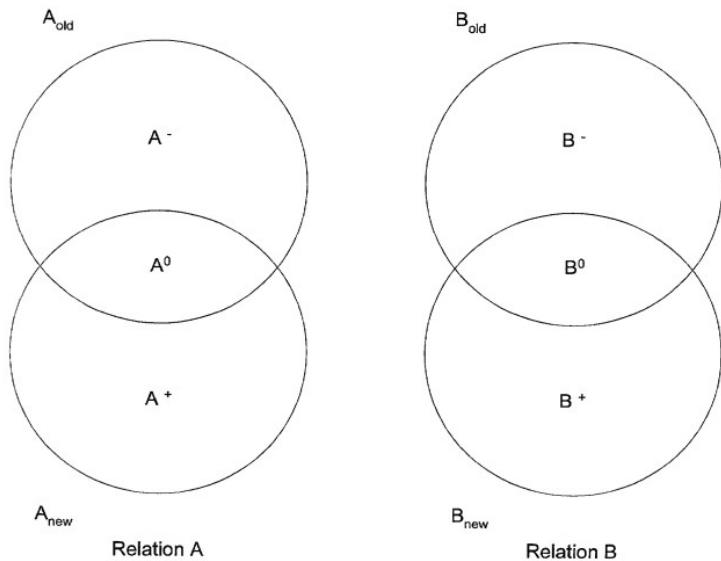


Figure 9

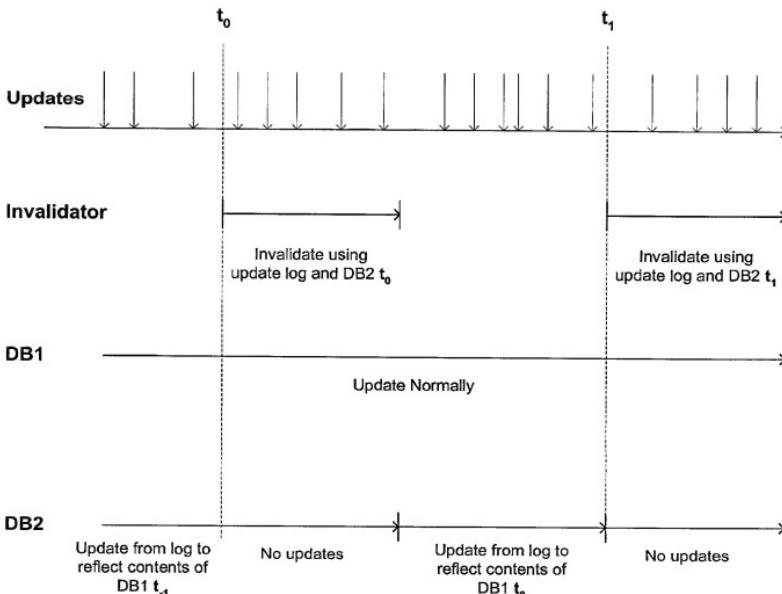


Figure 10

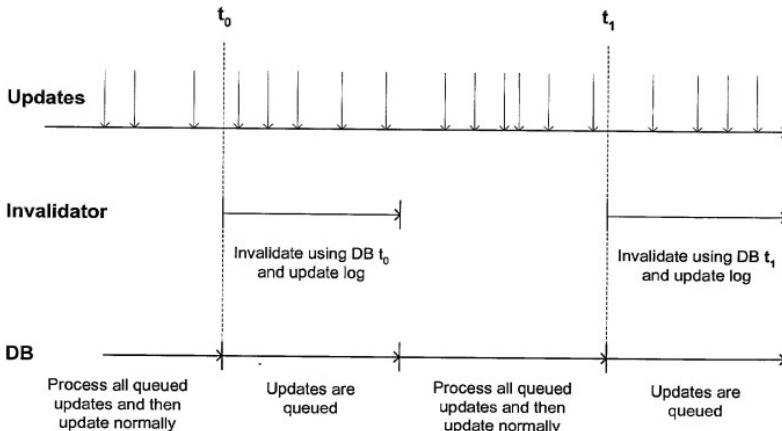
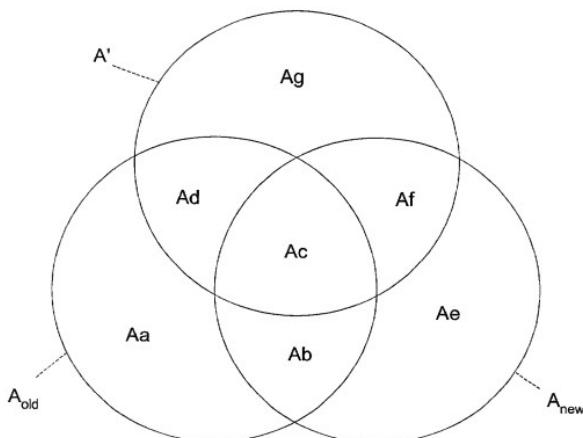


Figure 11

Relation A



Relation B

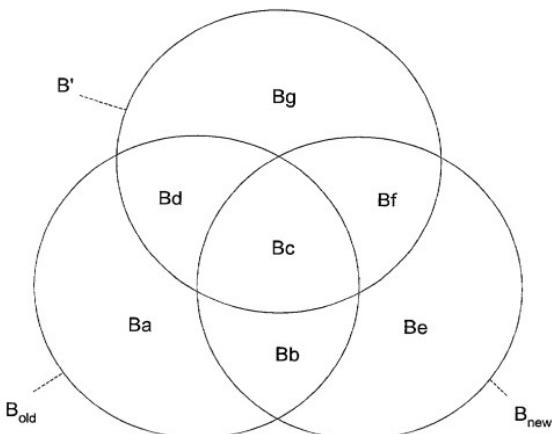


Figure 12

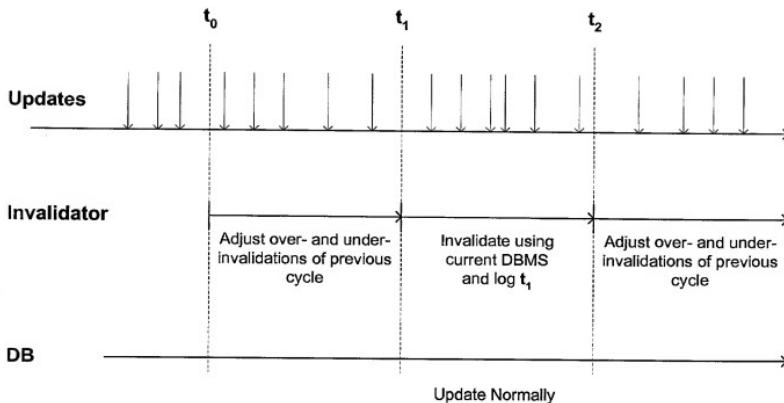


Figure 13

101084530.0022902